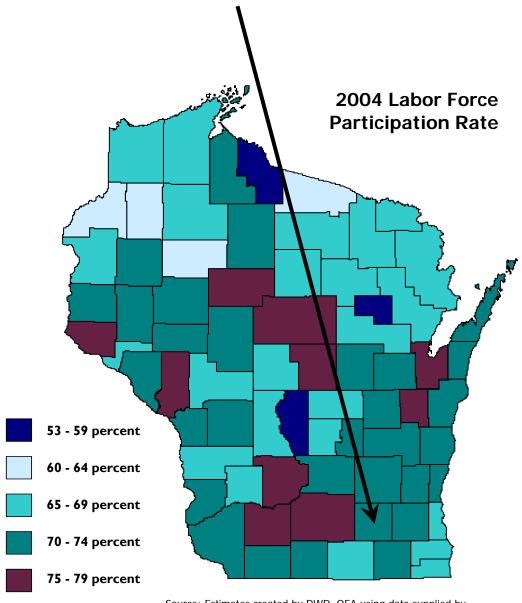
# Jefferson County Workforce Profile



Source: Estimates created by DWD, OEA using data supplied by U.S. Bureau of Labor Statistics and U.S. Bureau of Census

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# **County Population and Labor Force**

Population trends affect the supply of workers, the willingness of employers to open, expand or continue local operations and the demand for goods and services. Between 2000 and 2005 Jefferson County's population grew by 3,421 people or 4.5 percent. This reflects population growth squarely between the nation's rate (4.9%) and the state's (4.0%). In 2005, the Jefferson County portion of the City of Watertown, Fort Atkinson and Ixonia had 29,725 residents, or 37.5 percent of the county's total population. In five years, these municipalities gained 1,667 people, or 48.7 percent of the county's total population gain.

Between 2000 and 2005, the county experienced 4,572 births and 2,802 deaths. This net natural change of 1,770 people was 51.7 percent of Jefferson County's total population growth. Demographers with the Wisconsin Department of Administration project that Jefferson County will continue to enjoy increasing natural change (births minus deaths) through 2020. At the same time, they project considerable slowing in net migration (people moving in minus people moving out). Birth and death trends generally follow predictable patterns, but net migration patterns shift more quickly and less regularly, so Jefferson County's population growth may rest on a firmer base than counties that rely more heavily on net migration.

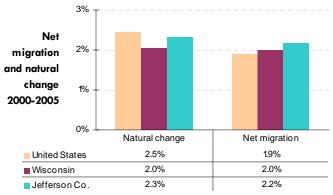
The table to the right shows that Jefferson County's labor force participation rate (70.1%) is closer to the statewide rate

#### Five largest municipalities in Jefferson County

	April 2000	Jan. 1, 2005	Numeric	Percent
	Census	estimate	change	change
Jefferson County	75,767	<i>7</i> 9,188	3,421	4.5%
Watertown, City*	13,535	14,373	838	6.2%
Fort Atkinson, City	11,621	12,046	425	3.7%
Jefferson, City	7,208	<b>7,</b> 541	333	4.6%
Lake Mills, City	4,843	5,137	294	6.1%
Koshkonong, Town	3,395	3,548	153	4.5%

<sup>\*</sup>Jefferson County portion only

Source: Wis. Dept. of Administration, Demographic Services, August 2005



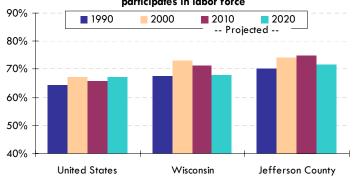
Source: WI Dept. of Admin., Demographic Services & US Census Bureau

#### **Population and Labor Force**

	United States	Wisconsin	Jefferson County
Total population in 2000	281,424,602	5,363,715	75,767
Population est. Jan. 1, 2005	295,160,302	5,580,757	79,188
Change	13,735,700	217,042	3,421
% change	4.9%	4.0%	4.5%
2005 Labor force population*	224,837,000	4,339,938	62,421
Share of total population	76.2%	78%	78.8%
Labor force	147,125,000	3,071,179	43,788
Labor force participation rate	65.4%	70.8%	70.1%
2005 Population 16 yrs. & over	228,621,674	4,417,313	63,198
16-24 yrs old	37,489,370	743,764	11,545
Share of population 16+ yrs	16.4%	16.8%	18.3%
25-59 yrs old	142,248,896	2,708,865	38,377
Share of population 16+ yrs	62.2%	61.3%	60.7%
60 yrs and older	48,883,408	964,684	13,277
Share of population 16+ yrs	21.4%	21.8%	21.0%
Projected population: 2020	335,804,546	6,110,878	88,302
Population 16 yrs. & over	264,085,104	4,869,573	<i>7</i> 0,191
16-24 yrs old	37,918,865	681,586	9,759
Share of population 16+ yrs	14.4%	14.0%	13.9%
25-59 yrs old	150,678,402	2,756,884	41,111
Share of population 16+ yrs	57.1%	56.6%	58.6%
60 yrs and older	75,487,837	1,431,103	19,321
Share of population 16+ yrs	28.6%	29.4%	27.5%

<sup>\*</sup> civilian population 16 yrs. and older not in an institution

### Percent of labor force age population that participates in labor force



Source: special tabulation by OEA using US Census, US Bureau of Labor Statistics, WI Dept. of Admin. estimates and projections

(70.8%) than the national rate (65.4%). Labor force participation rates drop substantially as workers approach 60 years old and continue to drop as they age. The table above indicates that the 60-and-over cohort will become an increasing share of the 16-and-over population. Together these trends may restrain labor force growth or reverse it.



## **Revised Labor Force**

All labor force estimates published from 1990 to 2004 have been revised. The more recent years reflect trends revealed during Census 2000, while the 1990s estimates were updated to include changes from 1990 to 2000, but are still based on ratios from the 1990 census.

The annual averages in the table to the right hide seasonal fluctuations. In 2004, Jefferson County's unemployment rate peaked at 6.2 percent in February and dipped to 3.9 percent in October. The labor force estimate peaked at nearly 45,100 in June and dipped almost to 43,000 in October.

Unemployment rates from the first half of the current decade reaffirm that unemployment rates are a lagging indicator of economic recovery. By the time unemployment rates peak, other economic indicators have been in more encouraging territory for a while. In Jefferson County, as in the nation, the 2003 unemployment rate represents a recent peak. Post-recession labor force growth has not been particularly robust either: the labor force remains less than one percent above its level from the year 2000.

## **Jefferson County Civilian Labor Force Estimates**

	Labor force	Employed	Unemployed	Unemployed rate
1990	37 <b>,</b> 731	36,276	1,455	3.9%
1991	38,241	36,1 <i>7</i> 3	2,068	5.4%
1992	38,103	36,150	1,953	5.1%
1993	39,261	37,480	1,781	4.5%
1994	40,799	39,205	1,594	3.9%
1995	41,543	40,198	1,345	3.2%
1996	42,199	41,056	1,143	2.7%
1997	42,357	41,134	1,223	2.9%
1998	42,118	40,995	1,123	2.7%
1999	42,486	41,456	1,030	2.4%
2000	43,357	42,135	1,222	2.8%
2001	43,340	41,658	1,682	3.9%
2002	42,769	40,761	2,008	4.7%
2003	43,515	41,333	2,182	5.0%
2004	43,788	41,658	2,130	4.9%

Source: DWD, Bureau of Workforce Information, Local Area Unemployment Statistics, September 2005



### **Education Attainment**

The graph below shows a shift from older generations, where females have less post-secondary education than males to younger generations where females have more education. As the economy shifted from male-dominated goods-producing industries to less dominated service-providing industries, social attitudes and employment laws changed to make education more economically valuable for females.

Comparing several generational cohorts, Jefferson County's residents are less likely to report having bachelors degrees and graduate or professional degrees. These gaps do not seem to narrow appreciably over time.

Attainment of associate degrees present a starkly different picture. Jefferson County's 65-and-older residents are quite a bit less likely than their national counterparts to report having

an associate degree. The county's 45-64 cohort is somewhat more likely to report associate degrees than its national counterpart. Jefferson County's lead is even wider among residents aged 35-44 and reaches its peak amongst residents aged 25-34, where 10.6 percent of county residents report associate degrees compared to 7.5 of U.S. residents.

This trend is at least partially attributable to manufacturing workers facing increasingly technical jobs, occasional economic slowdowns and employers who seek more pre-employment training and do less on-the-job training than in generations past.

# Residents with post-secondary education



Source: US Census 2000, Summary file 3, QT-P20

# **Employment and Wages**

Educational attainment levels may be as much a product of employment and wage structure as a cause. Overall, Jefferson County establishments pay roughly 85 of the statewide allindustries average wage. In 2004, the manufacturing sector provided 9,801 jobs (28.5 percent of all employment in Jefferson County) and paid \$381.8 million in wages (37.7 percent of total reported payroll for Jefferson County establishments). Despite a labor dispute, food manufacturing remained the largest segment of the manufacturing sector in 2004 with average employment of 2,207 (an increase of 209 jobs or 10.5 percent from 2003) and average annual wages of \$36,923 (up \$784

or 2.2 percent from 2003). The next largest segments, metal fabrication and transportation equipment manufacturing experienced modest employment gains between 2003 and 2004. Average wages in the former rose \$1,064 or 2.6 percent, while they rose \$4,412 or 12.5 percent in the latter.

Among the 7,418 trade, transportation & utilities jobs, there were 4,333 retail trade jobs (average wage: \$20,156), 1,631 wholesale trade jobs (\$32,504) and 1,279 transportation & warehousing jobs (\$32,308) and 176 utilities jobs (\$56,038). Just as nonstore retailers reported 480 fewer jobs and nearly

# Average Annual Wage by Industry Division in 2004 2004 2004

200.	200.		
Average Annual Wage		Percent of	1-year
Wisconsin	Jefferson County	Wisconsin	% change
\$ 34,749	\$ 29,431	84.7%	5.5%
\$ 27,399	\$ 29,497	107.7%	9.4%
\$ 41,258	\$ 34,735	84.2%	4.2%
\$ 44,145	\$ 38,959	88.3%	6.5%
\$ 30,088	\$ 25,820	85.8%	3.3%
\$ 41,759	\$ 35,886	85.9%	7.1%
\$ 45,103	\$ 27,257	60.4%	3.1%
\$ 39,580	\$ 24,737	62.5%	9.0%
\$ 36,408	\$ 31,860	87.5%	6.1%
\$ 12,295	\$ 9,196	74.8%	4.4%
\$ 20,207	\$ 16,405	81.2%	1.3%
\$ 36,347	\$ 29,908	82.3%	-0.4%
	Average Wisconsin \$ 34,749 \$ 27,399 \$ 41,258 \$ 44,145 \$ 30,088 \$ 41,759 \$ 45,103 \$ 39,580 \$ 36,408 \$ 12,295 \$ 20,207	Average Annual Wage Wisconsin Jefferson County  \$ 34,749 \$ 29,431 \$ 27,399 \$ 29,497 \$ 41,258 \$ 34,735 \$ 44,145 \$ 38,959 \$ 30,088 \$ 25,820 \$ 41,759 \$ 35,886 \$ 45,103 \$ 27,257 \$ 39,580 \$ 24,737 \$ 36,408 \$ 31,860 \$ 12,295 \$ 9,196 \$ 20,207 \$ 16,405	Average Annual Wage       Percent of Wisconsin         \$ 34,749       \$ 29,431       84.7%         \$ 27,399       \$ 29,497       107.7%         \$ 41,258       \$ 34,735       84.2%         \$ 44,145       \$ 38,959       88.3%         \$ 30,088       \$ 25,820       85.8%         \$ 45,103       \$ 27,257       60.4%         \$ 39,580       \$ 24,737       62.5%         \$ 36,408       \$ 31,860       87.5%         \$ 12,295       \$ 9,196       74.8%         \$ 20,207       \$ 16,405       81.2%

Source: WI DWD, Bureau of Workforce Information, Quarterly Census of Employment & Wages

\$12.6 million less in total wages, durable goods merchant wholesalers reported 466 more jobs and \$13.8 million more in total wages. If an employer changed reporting categories and kept jobs largely the same, the data might reflect changes very similar to these.

At \$9,196, Jefferson County's leisure & hospitality average wage is over 25 percent below Wisconsin's leisure & hospitality wage and it is lower than any other sector's wage. The 2,336 jobs in the food services & drinking places segment paid an average of \$8,123.

2004 employment and wage distribution by industry in Jefferson County

	Employ	yment					7
	Annual average	1-year change	Total payroll		■% of Total	al Employment al Payroll	
Natural Resources	598	-15	\$ 17,638,934				_
Construction	1,535	187	\$ 53,318,941		İ		
Manufacturing	9,801	161	\$ 381,834,715				
Trade, Transportation, Utilities	7,418	-40	\$ 191 <b>,</b> 533,587				
Information	667	5	\$ 23,935,813		1		
Financial Activities	941	43	\$ 25,649,230				
Professional & Business Services	2,535	-102	\$ 62,707,658		1		
Education & Health	5,254	-150	\$ 167,393,826				
Leisure & Hospitality	3,382	74	\$ 31,100,638				
Other services	779	45	\$ 12,779,243				
Public Administration	1,470	10	\$ 43,964,173		į		
Not assigned	0	0	\$ O	10%	20%	30%	——⊣ 40%
All Industries	34,381	219	\$1,011,856,758	1070	2070	2370	407

Source: WI DWD, Bureau of Workforce Information, Quarterly Census Employment and Wages, June 2005

# **Industry and Employers by Size**

Top 10 Employers in Jefferson County

Establishment	Product or Service	Size (Dec. 2004)
Trek Bicycle Corporation	Motorcycle, bicycle, & parts mfg.	500-999 employees
County of Jefferson	Executive & legislative offices, combined	500-999 employees
Fort Healthcare Inc	Gen. medical & surgical hospitals	500-999 employees
Bethesda Lutheran Homes & Services	Services for the elderly & disabled	500-999 employees
Briggs & Stratton Power Products	Motor & generator mfg.	500-999 employees
Watertown Unified School District	Elementary & secondary schools	500-999 employees
Wal-Mart Associates Inc	Discount department stores	500-999 employees
Aristotle Corp	All other plastics product mfg.	250-499 employees
Terra Staffing Services Inc	Professional employer organizations	250-499 employees
Fort Atkinson Public School	Elementary & secondary schools	250-499 employees

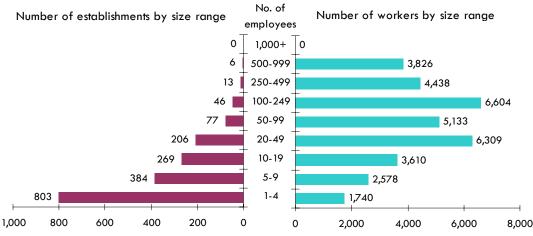
Source: DWD, Bureau of Workforce Information, ES-202, July 2005

#### **Prominent industries in Jefferson County**

	March 2005		Numeric change	in employees
NAICS title	Establishments	Employees	2004-2005	2000-2005
Educational services	14	2,263	-48	119
Food services and drinking places	13 <i>7</i>	2,229	-37	86
Food manufacturing	22	2,196	7	-241
Administrative and support services	68	1,737	50	539
Nursing and residential care facilities	20	1,504	-124	-168
Electrical equipment and appliances	4	1,409	not avail.	not avail.
Fabricated metal product manufacturing	27	1,327	-4	-159
Executive, legislative, & gen government	23	1,185	22	-1
Machinery manufacturing	24	1,058	78	-324
Specialty trade contractors	160	1,038	28	191
* data suppressed to maintain employer confidentiality			Column heading	s revised 02/06

Source: DWD, Bureau of Workforce Information, ES-202, September 2005

### Jefferson County establishments and workers by employment size range in 2004



(1) Data not available due to suppression factors

Source: DWD, Bureau of Workforce Information, Table 221, July 2005

Some industries provide goods or services primarily for local consumption. Local income and demographic trends drive revenues for nursing and residential care, government and specialty trade contractors. cally and statewide, the next 20 years will see larger and faster growth in the cohorts between the ages of 55 and 79 than school-aged cohorts (roughly ages 5-24). Healthcare establishments may show more employment growth potential than education establishments.

Other industries sell their goods and services to people from outside Jefferson, thereby bringing in outside money. Mamanufacturing chinery employment has declined in recent years, which is to be expected in a segment whose sales rely heavily on customers being in capacity-expansion mode. Nonetheless, the average annual wage (\$41,640) remained high.

The far-left graph shows large numbers of Jefferson County establishments with few employees and small numbers of establishments with many employees. The graph to the immediate left shows a relatively even distribution of employment in mid-sized establishments with somewhat less in very large and very small establishments.



# Per Capita Personal Income

While page 3 discussed wages paid by Jefferson County employers, this section focuses on income received by Jefferson County residents, including income from work outside the county, investment/pension income and government transfer payments such as Social Security or other income support programs. The table below shows that Jefferson

County's 2003 Per Capita Personal Income (PCPI) of \$29,330 was 18<sup>th</sup> highest among Wisconsin's 72 counties and its 5-year PCPI growth rate of 16.5 percent ranked 35<sup>th</sup>.

From 1996 to 1999, Jefferson County's PCPI was still lower than Wisconsin's, but was growing faster and was on track to surpass the statewide PCPI in a few years. From 2001 to 2003, Jefferson County's PCPI growth has been slower than Wisconsin's, so the gap widened again.

Tax records generate detailed income estimates, which suggest that Jefferson County's residents earn roughly \$258 million more from employers in other counties than residents of other counties earn from Jefferson County employers.

Workers in search of higher wages and more numerous jobs in professional and technical occupations need not look any farther than Dane County to the west or the Milwaukee-Waukesha area to the east. The interstate connecting these areas bisects Jefferson County and two prominent cities (Watertown and Whitewater) straddle county borders. Hence it is unsurprising that the 2000 Census reported that 39.5 percent of Jefferson County's working residents left the county for work (primarily for Waukesha and Dane counties)

and 32.2 percent of jobs in Jefferson County were filled by residents of other counties (primarily Dodge, Dane and Waukesha). Generally, Waukesha and Dane counties have unemployment rates well below Jefferson County's, but various factors, from lifestyle preferences to housing costs encourage some workers to choose the commute over relocation.

# Wisconsin Counties 2003 Per Capita Personal Income and Rank in State

5-yr		5-yr
Area 2003 Rank growth Rank	k Area 2003 Rank	growth Rank
United States \$ 31,472 17.1%	Manitowoc \$ 27,807 27	13.6% 59
Wisconsin \$ 30,685 17.2%	Marathon \$ 29,992 16	22.0% 5
Adams \$ 22,804 59 16.1% 37	Marinette \$ 25,448 39	21.3% 9
Ashland \$ 23,204 55 16.6% 32	Marquette \$ 22,590 64	26.5% 1
Barron \$ 24,922 41 15.2% 44	Menominee \$ 18,449 72	19.8% 16
Bayfield \$ 22,660 62 13.4% 60	Milwaukee \$ 31,419 7	19.5% 18
Brown \$ 32,076 5 17.8% 25	Monroe \$ 23,467 54	16.8% 31
Buffalo \$ 29,083 20 17.2% 28	Oconto \$ 24,842 42	12.3% 66
Burnett \$ 22,796 60 17.1% 29	Oneida \$ 28,646 22	18.7% 21
Calumet \$ 31,880 6 21.4% 8	Outagamie \$ 30,952 11	20.5% 14
Chippewa \$ 25,999 36 12.3% 67	Ozaukee \$ 47,527 1	14.7% 48
Clark \$ 22,227 66 13.9% 55	Pepin \$ 24,407 44	13.0% 64
Columbia \$ 30,846 12 18.2% 24	Pierce \$ 27,963 26	18.6% 23
Crawford \$ 22,628 63 20.9% 13	Polk \$ 24,201 46	13.9% 54
Dane \$ 36,455 3 21.0% 12	Portage \$ 27,464 30	21.1% 11
Dodge \$ 26,048 35 13.3% 61	Price \$ 24,361 45	12.2% 68
Door \$ 30,657 13 15.9% 40	Racine \$ 31,271 8	15.0% 45
Douglas \$ 23,568 53 15.3% 43	Richland \$ 23,829 51	21.9% 6
Dunn \$ 22,885 58 14.9% 47	Rock \$ 28,256 25	14.1% 50
Eau Claire \$ 27,469 29 17.5% 27	Rusk \$ 20,461 71	14.0% 52
Florence \$ 24,146 47 25.3% 3	Sauk \$ 28,780 21	19.5% 19
Fond du Lac \$ 29,951 17 16.1% 38	Sawyer \$ 23,921 50	22.3% 4
Forest \$ 21,975 68 25.4% 2	Shawano \$ 23,941 49	13.9% 56
Grant \$ 24,116 48 15.6% 42	Sheboygan \$ 31,251 9	19.8% 17
Green \$ 28,542 23 14.0% 51	St. Croix \$ 31,091 10	13.6% 57
Green Lake \$ 26,962 32 8.1% 72	Taylor \$ 23,020 56	16.6% 34
lowa \$ 27,308 31 19.2% 20	Trempealeau \$ 25,242 40	18.7% 22
Iron \$ 22,912 57 21.1% 10	Vernon \$ 20,950 70	15.7% 41
Jackson \$ 26,084 34 21.9% 7	Vilas \$ 25,664 37	13.0% 63
Jefferson \$ 29,330 18 16.5% 35	Walworth \$ 27,626 28	13.6% 58
Juneau \$ 22,382 65 12.7% 65	Washburn \$ 22,794 61	16.0% 39
Kenosha \$ 29,117 19 16.5% 36	Washington \$ 35,196 4	14.9% 46
Kewaunee \$ 25,536 38 8.8% 71	Waukesha \$ 41,551 2	12.2% 69
La Crosse \$ 28,284 24 16.8% 30	Waupaca \$ 26,863 33	14.0% 53
Lafayette \$ 21,983 67 10.1% 70	Waushara \$ 21,762 69	13.2% 62
Langlade \$ 23,739 52 20.4% 15	Winnebago \$ 30,359 15	16.6% 33
Lincoln \$ 24,725 43 14.6% 49	Wood \$ 30,401 14	17.7% 26

Source: U.S. Dept. of Commerce, Bureau of Economic Analysis, Regional Economic Information System, May 2005